

*Indiana Mathematics, Science and Technology Education Alliance*

IMSTEA

P.O. Box 4150 Carmel, IN 46082-4150

May 11, 2007



## Hoosier students are coming to the rescue with growing concerns about high gas prices!

The mission of IMSTEA is to improve the mathematics, science, engineering and technological literacy of all Hoosiers.

**Indianapolis, Indiana** – With growing concerns about high gas prices, Hoosier students are coming to the rescue. High School students from throughout Indiana submitted Forty-nine cars from thirty-nine schools in the Indiana Super Mileage Challenge that was held on April 30, 2007 at O'Reilly Raceway Park in Indianapolis.

*Students learn in the SMC how to research, design, and construct futuristic vehicles while applying advanced topics in Math, Science, Technology, and Engineering. This is especially relevant today with our increased concern about our nation's dependence on fossil fuels, the high cost of fuel, and the environmental concerns that we all share. The Super Mileage Challenge is a great example of how science, technology, math, and engineering can be integrated by students to improve their environment and their future.*

*This event provides students with an exciting 'hands-on, minds-on' opportunity to apply academics to meet a real world challenge," said Mike Fitzgerald, technology education specialist for the Indiana Department of Education. "These students may be the scientists, engineers and technicians of tomorrow – the kind of innovators who are so important to Indiana's economic future."*

Awards were presented to schools for the best integration of mathematics, science, and technology into the design and construction of a vehicle, best design, craftsmanship, sportsmanship, tenacity, marketing and communication, people's choice, and the closest estimate to actual performance. The 2007 award winners include:

**Jefferson High School  
Mater Dei High School  
Warsaw High School  
Mishawaka High School  
Winamac High School  
Greenfield Central High School  
Northview High School  
South Spencer High School  
Northview High School**

*The following documents detail the official results of the 2007 IMSTEA Super Mileage Challenge.*

# 2007 IMSTEA Super Mileage Challenge Awards

## **Unlimited Class Champion**

Jefferson High School  
Lafayette, IN  
1,350.02 MPG

## **Stock Class Champion**

Mater Dei High School  
Evansville, IN  
1,365.41 MPG

## **Performance Concept Award**

(Closest to projected mileage)  
Warsaw High School  
93.9%  
Warsaw, IN

## **Best Integration of Math, Science and Technology**

Mishawaka High School  
Mishawaka, IN

## **Best Design Proposal**

Winamac High School  
Winamac, IN

## **Craftsmanship Award**

Greenfield Central High School  
Greenfield, IN

## **Sportsmanship Award**

Northview High School  
Brazil, IN

## **Tenacity Award**

Triton Central High School  
Fairland, IN

## **Communications and Marketing Award**

South Spencer High School  
Rockport, IN

## **People's Choice Award**

Northview High School  
Brazil, IN



## 2007 IMSTEA Supermileage Challenge

### Official Results for the **Stock Class**

<u>Place</u>	<u>School</u>	<u>MPG</u>
1.	Mater Dei High School .....	1365.41
2.	Greenfield Central High School.....	783.90
3.	Warsaw High School.....	751.17
4.	South Newton High School .....	614.03
5.	North Montgomery High School .....	519.30
6.	Delta High School .....	502.34
7.	Cascade High School.....	446.24
8.	Princeton High School.....	395.02
9.	New Castle High School.....	334.07
10.	Carroll High School .....	315.31
11.	Lincoln High School .....	237.84
12.	Chesterton High School .....	232.91
13.	Whitko High School.....	165.16
14.	PVETI Manufacturing Academy .....	151.39
15.	Avon High School.....	151.09
16.	Southridge High School.....	132.39

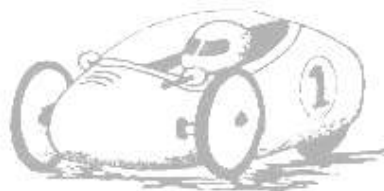
*The following schools did not make three official runs*

North Daviess High School .....	333.01 (2 runs)
Jasper High School .....	158.12 (2 runs)
Pike Central High School .....	144.16 (2 runs)
Bosse High School.....	134.56 (2 runs)
Bellmont High School.....	101.32 (2 runs)
Hagerstown High School.....	91.00 (2 runs)

*The following schools made no official runs*

East Noble High School .....	0.00
Jennings County High School .....	0.00
South Spencer High School .....	0.00

James M. Thompson  
President



## 2007 IMSTEA Supermileage Challenge

### Official Results for the **Unlimited Class**

<u>Place</u>	<u>School</u>	<u>MPG</u>
1.	Lafayette Jefferson High School	1352.67
2.	Mater Dei High School	1345.36
3.	Winamac High School	1250.02
4.	Wawasee High School	1195.17
5.	William H. Harrison High School	1037.53
6.	Homestead High School	560.09
7.	Kankakee Valley High School	470.88
8.	Frontier High School	468.04
9.	Mishawaka High School	450.27
10.	Terre Haute South Vigo H. S.	437.10
11.	Whitko High School	383.30
12.	Northview High School	324.75
13.	Delta High School	278.40
14.	Eastern Greene High School	245.77
15.	Carroll High School	238.54
16.	Fairfield Jr/Sr High School	210.63
17.	South Spencer High School	175.23

*The following schools did not complete three official runs:*

Bellmont High School	64.59 (1 run)
Jasper High School	40.31 (1 run)

*The following schools did not complete any runs:*

North Daviess High School	0.00
North Montgomery High School	0.00
Triton Central High School	0.00

James M. Thompson  
President

